

**CLASS TITLE: ASSISTANT DIRECTOR FOR OPERATIONS,
NUCLEAR SCIENCE CENTER**

Class Code: 02505600
Pay Grade: 39A
EO: A

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To assist the Director, RI Atomic Energy Commission, by managing the operations and functions of the RI Nuclear Science Center's Facilities established for the purpose of research and experimentation in the physical and biological sciences, for training personnel, for testing materials and techniques, and for such other purposes which the Director, RI Atomic Energy Commission shall deem necessary for the health, welfare and economy of the people of Rhode Island; and to do related work as required.

SUPERVISION RECEIVED: Works under the administrative direction of the Director with wide latitude for the exercise of independent judgement; work is reviewed for conformance to state and federal laws, regulations and guidelines.

SUPERVISION EXERCISED: Plans, organizes, coordinates and reviews the work of professional, scientific, technical and other employees.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To assist the Director, RI Atomic Energy Commission by managing the operations and functions of the R.I. Nuclear Science Center's Facilities established for the purpose of research and experimentation in the physical and biological sciences, for training personnel, for testing materials and techniques, and for such other purposes which the Director, R.I. Atomic Energy Commission shall deem necessary for the health, welfare and economy of the people of Rhode Island.

To supervise the operation of the reactor and to insure that its operation is in accordance with the conditions of the facility license by the Nuclear Regulatory Commission.

To supervise the work of a staff of licensed reactor operators and trainees in the performance of their duties which include: operation of the reactor, handling of reactor fuel, movement of the reactor bridge, removal and insertion of reactor core components, and maintenance of the reactor system.

To serve as a member of the Nuclear & Radiation Safety Committee for the technical review of all proposed programs or experiments for its scientific and technical value.

To consult with experimenters and advise them of the best methods for using the reactor and analysis equipment for their experiment.

To be responsible for various administrative duties in the absence of the Director including personnel, payroll and purchasing.

To be responsible for the development and operation of a training program for reactor personnel.

To work closely with the Assistant Director for Radiation and Reactor Safety to ensure that all applicable state and federal regulations are enforced.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A thorough knowledge of the principles, practices and techniques of reactor physics and nuclear engineering as they relate to the management and operation of a research reactor; a thorough knowledge of the principles, practices, methods and techniques required for the operation of the Rhode Island Nuclear Science Center Reactor and the ability to apply such knowledge and techniques; the ability to plan, organize and supervise the work of a staff of professional,

scientific, technical and other personnel engaged in the operation of the facility; the ability to serve as a technical and scientific expert on matters of nuclear research reactors and to provide advice and instructions to persons availing themselves of the reactor facilities; the ability to plan, develop and maintain an in-service training program for reactor personnel; and related capacities and abilities.

EDUCATION AND EXPERIENCE:

Education: Such as may have been gained through: graduation from a college of recognized standing with a Bachelor's Degree in one of the Physical Sciences or Engineering, and supplemented by graduate study in one of the reactor oriented Physical Sciences or Nuclear Engineering; and

Experience: Such as may have been gained through: employment in a supervisory capacity in one of the reactor oriented physical sciences or nuclear engineering.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

SPECIAL REQUIREMENT: Within six months from the date of appointment, must possess a senior reactor operator's license issued by the U.S. Nuclear Regulatory Commission for operation of the R.I. Reactor and must maintain such licensure as a condition of employment.

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Editorial Review: 3/15/03